

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	86	725/46,109,110,90,132,133,152,148,149,150,37,153.ccls.and (Non-IP HAVi VHN (home near2 network)) and (proxy gateway stub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 08:33
L11	86	725/46,109,110,90,132,133,152,148,149,150,37,153.ccls.and (NonIP HAVi VHN (home near2 network)) and (proxy gateway stub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 08:33
L5	46	725/46,109,110,90,132,133,152,148,149,150,37,153.ccls.and (NonIP HAVi VHN (home near2 network)) and (bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 08:32
L10	154	709/230,249.ccls.and (NonIP HAVi VHN (home near2 network)) and (proxy gateway stub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 08:16
L8	176	709/230,249.ccls.and (NonIP HAVi VHN (home near2 network)) and (bridge proxy gateway stub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 08:16
L9	34	709/230,249.ccls.and (Non-IP) and (bridge proxy gateway stub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 08:12
L7	68	709/230,249.ccls.and (NonIP HAVi VHN (home near2 network)) and (bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 08:11
S93	286	725/46,109,110,90,132,133,152,148,149,150,37,153.ccls.and ((web adj proxy)(web adj client)(web adj server))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 07:37
S92	85	725/46,109,110,90,132,133,152,148,149,150,37,153.ccls.and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:42
S91	5641	(Gateway proxy)and (NonIP HAVi VHN (home near2 network))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:29
S90	2850	725/46,109,110,90,132,133,152,148,149,150,37,153.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:29

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S85	1	09/780289 and Eytchison	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:27
S89	24	09/160490	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:05
S88	3461	(web IP) and (select\$5 near4 Translat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:05
S78	3	(web IP) same (HAVi VHN) and (select\$5 near4 Translat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:04
S87	2	"5959536".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 15:58
S86	2	"6735619".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 15:58
S84	2	"6288716".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 15:51
S1	564	HAVi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 15:51
S83	131	((home "1394") near3 network)and (select\$5 near4 Translat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 11:07
S82	120	(home near3 network)and (select\$5 near4 Translat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 11:07
S81	6	(HAVi VHN)and (select\$5 near4 Translat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 11:07
S80	0	(HAVi VHN) same (select\$5 near4 Translat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 11:06

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S79	6	(web IP) and (HAVi VHN) and (select\$5 near4 Translat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 11:06
S71	21	(Bridge) same (web IP) same (HAVi VHN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 10:58
S77	2	"6725281".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 10:57
S76	2	"6169725".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 10:57
S72	3	"6523696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 10:56
S75	6	(havlet) same (applet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 10:54
S74	18	("5452291" "5473608" "5491812" "5608874" "5623605" "5710908" "5778189" "5845081" "5862481" "5898835" "5931906" "5938752" "5964836" "5968119" "5974449" "5991813" "5996024" "6320874").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/24 10:54
S73	2	"6694363".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 09:54
S8	1	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((web adj proxy)(web adj client))and ((web adj server) and (Web adj page adj generator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 08:44
S70	1	09/780289	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:06
S69	0	VESA NEAR3 NETWORK near3 (appliance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:23
S68	0	VESA NEAR3 NETWORK near3 device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:23

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S67	16	VESA NEAR3 NETWORK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:23
S66	4	VHN near9 device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:19
S65	2	VHN near3 device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 09:10
S64	1	09/780289 and Eytchison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 09:09
S63	2	"5889943".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 08:26
S62	1	10/821666 and mcNally	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 07:55
S61	0	2005/0052814 and mcNally	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 07:11
S60	3	(leee1394 (leee near3 "1394")) near5 (non-leee1394 (non-leee near3 "1394")) near5 (bridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 12:53
S59	0	(leee1394) near5 (non-leee1394) near5 (bridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 12:52
S58	88	(FCM and DCM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 12:51
S50	22	(DDI (data near3 driven near3 interaction)) and (SDD (self near3 describing near3 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:22
S56	5	("709"/\$.ccls.) and (non-ip Havi non-Internet) near4 (lp vhn internet) and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:06
S47	349	("709"/\$.ccls.) and (non-ip Havi non-Internet) near4 (lp vhn internet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:06

EAST Search History

S55	4	("6292846" "6438618" "6678464" "6771668").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 11:05
S54	1	(compos\$5 assembl\$5) near4 (web near3 page) and (DDI (data near3 driven near3 interaction)) and (SDD (self near3 describing near3 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:05
S52	1	(compos\$5 assembl\$5) near4 (web near3 page) same (DDI (data near3 driven near3 interaction)) and (SDD (self near3 describing near3 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:05
S53	1	(web near3 page) same (DDI (data near3 driven near3 interaction)) same (SDD (self near3 describing near3 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:04
S51	10	("5740075" "5831848" "5909183" "5956165" "6032202" "6038625" "6041056" "6052750" "6085236" "6091714").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 10:59
S49	22	(DDI data near3 driven near3 interaction) and (SDD self near3 describing near3 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 10:54
S48	5269	(DDI data near3 driven near3 interaction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 10:53
S46	24	("709"/\$.ccls.) and (bridge interface) near4 (non-ip Havi non-Internet) near4 (Ip vhn internet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 10:45
S45	988	("709"/\$.ccls.) and (bridge interface) adj (non-ip Havi Ip vhn non-Internet internet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 10:41
S40	3	("709"/\$.ccls.) and (selectiv\$5 adaptiv\$5) near5 (translat\$5) same (bridge interface) same (non-ip Havi Ip vhn non-Internet internet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 10:39
S39	1	("709"/\$.ccls.) and (selectiv\$5 adaptiv\$5) near5 (translat\$5) near6 (non-IP HAVi) same (IP VHN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 10:33
S38	2	"6735619".PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/08 16:38
S37	1	09/968161 AND SONG	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/08 16:38
S36	214	(non-IP HAVi) same (IP VHN) same (bridge interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/08 15:33

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S35	214	(non-lp HAVi) same (IP VHN) same (bridge interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/08 15:30
S17	133	(non-lp) and ((internet adj protocol) IP)and bridge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/08 15:29
S34	3	"6523696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 13:56
S33	1	09/780289 and eytchison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 13:56
S31	2	"6023724".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 13:56
S18	0	"09780289" and eytchison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/22 13:56
S32	2	"6389127".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/19 12:30
S30	19	709/230,249.ccls. and((control\$4 set\$4 servic\$4 program\$5) near5 (home adj network)) and (Gateway proxy)and (NonIP HAVi VHN (home near2 network))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 16:28
S22	526	((control\$4 set\$4 servic\$4 program\$5) near5 (home adj network)) and (Gateway proxy)and (NonIP HAVi VHN (home near2 network))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 16:05
S29	3	"6,523696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 14:01
S28	39	((control\$4 servic\$4 program\$5) adj (home adj network)) and bridge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 14:01
S25	118	((control\$4 set\$4 servic\$4 program\$5) near5 (home adj network)) and (Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and bridge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 11:27
S27	178	(control\$4 servic\$4 program\$5) adj (home adj network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 11:21

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S26	344	(control\$4 set\$4 servic\$4 program\$5) near1 (home adj network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 11:21
S21	1198	(control\$4 set\$4 servic\$4 program\$5) near5 (home adj network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 11:20
S23	12	((control\$4 set\$4 servic\$4 program\$5) near5 (home adj network)) and ((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((non-lp) and ((internet adj protocol) IP)and bridge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 11:09
S24	107	((control\$4 set\$4 servic\$4 program\$5) near5 (home adj network)) and ((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((web adj proxy)(web adj client)(web adj server))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 10:36
S10	558	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((web adj proxy)(web adj client)(web adj server))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 10:36
S3	2562	(Gateway proxy)and (NonIP HAVi VHN (home near2 network))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 08:30
S20	0	("09780289".an.) and eytchison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 08:28
S19	0	"09780289".apn. and eytchison	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 17:08
S16	1	message-to-method	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 16:59
S15	0	service-to-user	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 16:59
S14	0	service adj to adj user	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 16:59
S12	408	((non-lp) and ((internet adj protocol) IP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 16:59
S13	294	(Gateway proxy)and ((non-lp) and ((internet adj protocol) IP))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 16:58

EAST Search History

S2	147	HAVi and ((internet adj protocol) IP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:39
S11	55	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((web adj proxy) (web adj client)(Web adj page adj generator)(translation adj manager))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:26
S7	1	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and (web adj proxy)and (web adj client)and (web adj server) and (Web adj page adj generator)and (translation adj manager)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:26
S9	1	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((web adj proxy)(web adj client)(web adj server)) and (Web adj page adj generator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:24
S6	558	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((web adj proxy)(web adj client)(web adj server) (Web adj page adj generator)(translation adj manager))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:22
S5	1641	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) and ((internet adj protocol) IP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:20
S4	11	((Gateway proxy)and (NonIP HAVi VHN (home near2 network))) NOT (Home appliance wireless)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:15

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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Design of a universal middleware bridge for device interoperability in het home network middleware**
Kyeong-Deok Moon; Young-Hee Lee; Chang-Eun Lee; Young-Sung Son;
[Consumer Electronics, IEEE Transactions on](#)
Volume 51, Issue 1, Feb. 2005 Page(s):314 - 318
Digital Object Identifier 10.1109/TCE.2005.1405738
[AbstractPlus](#) | Full Text: [PDF\(915 KB\)](#) IEEE JNL
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- ☐ 2. **Design of a universal middleware bridge for device interoperability in het home network middleware**
Chang-Eun Lee; Kyeong-Deok Moon;
[Consumer Electronics, 2005. ICCE. 2005 Digest of Technical Papers. Internati on](#)
8-12 Jan. 2005 Page(s):371 - 372
Digital Object Identifier 10.1109/ICCE.2005.1429872
[AbstractPlus](#) | Full Text: [PDF\(1627 KB\)](#) IEEE CNF
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- ☐ 3. **IEEE1394 to UPnP software bridge structure**
Poltavets, Y.; Jun-Hee Park; Donghee Kim;
[Consumer Electronics, 2005. ICCE. 2005 Digest of Technical Papers. Internati on](#)
8-12 Jan. 2005 Page(s):375 - 376
Digital Object Identifier 10.1109/ICCE.2005.1429874
[AbstractPlus](#) | Full Text: [PDF\(1588 KB\)](#) IEEE CNF
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- ☐ 4. **A software architecture for open service gateways**
Gong, L.;
[Internet Computing, IEEE](#)
Volume 5, Issue 1, Jan.-Feb. 2001 Page(s):64 - 70
Digital Object Identifier 10.1109/4236.895144
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(196 KB\)](#) IEEE JNL
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- ☐ 5. **The design and implementation of home network system using OSGi con middleware**

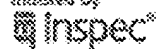
Xie Li; Wenjun Zhang;
[Consumer Electronics, IEEE Transactions on](#)
Volume 50, Issue 2, May 2004 Page(s):528 - 534
Digital Object Identifier 10.1109/TCE.2004.1309419
[AbstractPlus](#) | Full Text: [PDF\(620 KB\)](#) IEEE JNL
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- ☐ **6. Multimedia Room Bridge Adapter for Seamless Interoperability between Home Network Devices**
Myung-Jin Lee; Hyo-Moon Jeong; Joo-Yong Oh; Soon-Ju Kang;
[Consumer Electronics, 2006. ICCE '06. 2006 Digest of Technical Papers. International Conference on](#)
07-11 Jan. 2006 Page(s):123 - 124
[AbstractPlus](#) | Full Text: [PDF\(232 KB\)](#) IEEE CNF
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- ☐ **7. Secure Service Discovery in Home Networks**
Scholten, H.; van Dijk, H.; de Cock, D.; Preneel, B.; D'Hooge, M.; Kung, A.;
[Consumer Electronics, 2006. ICCE '06. 2006 Digest of Technical Papers. International Conference on](#)
07-11 Jan. 2006 Page(s):115 - 116
[AbstractPlus](#) | Full Text: [PDF\(66 KB\)](#) IEEE CNF
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- ☐ **8. Clock Time Synchronization for Wireless 1394 Heterogeneous Networks**
Seong-hee Lee; Seong-hee Park; Sang-sung Choi;
[Consumer Electronics, 2006. ICCE '06. 2006 Digest of Technical Papers. International Conference on](#)
07-11 Jan. 2006 Page(s):317 - 318
[AbstractPlus](#) | Full Text: [PDF\(112 KB\)](#) IEEE CNF
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- ☐ **9. Home Network Remote Controller Using The Appliance Integrated Script**
Otsuka, Y.; Shimizu, N.; Yagiu, R.;
[Consumer Electronics, 2006. ICCE '06. 2006 Digest of Technical Papers. International Conference on](#)
07-11 Jan. 2006 Page(s):249 - 250
[AbstractPlus](#) | Full Text: [PDF\(216 KB\)](#) IEEE CNF
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- ☐ **10. UPnP AV architectural multimedia system with a home gateway powered platform**
Dong-Oh Kang; Kyuchang Kang; Sung-Gi Choi; Jeunwoo Lee;
[Consumer Electronics, 2005. ICCE. 2005 Digest of Technical Papers. International Conference on](#)
8-12 Jan. 2005 Page(s):405 - 406
Digital Object Identifier 10.1109/ICCE.2005.1429889
[AbstractPlus](#) | Full Text: [PDF\(1622 KB\)](#) IEEE CNF
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- ☐ **11. An Intelligent IEEE 1394 hub architecture**
Yamamoto, H.; Chikamura, K.; Izumi, T.; Onoye, T.; Nakamura, Y.;
[Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on](#)
Volume 2, 26-29 May 2002 Page(s):II-249 - II-252 vol.2
Digital Object Identifier 10.1109/ISCAS.2002.1010971
[AbstractPlus](#) | Full Text: [PDF\(449 KB\)](#) IEEE CNF
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12. Development of a 1394 bridge system based on P1394.1



Niwa, Y.; Akai, T.; Masunaga, S.; Okawa, S.;
Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers, Internati
on
13-15 June 2000 Page(s):204 - 205
Digital Object Identifier 10.1109/ICCE.2000.854586
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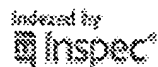
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- ☐ 1. **Flexible Call Control Framework Supporting Multi-party Service**
Dutta, A.; Cheng, N.H.; Chennikara-Varghese, J.; Madhani, S.; Wong, D.; You
[Military Communications Conference, 2005. MILCOM 2005. IEEE](#)
17-20 Oct. 2005 Page(s):1 - 7
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- ☐ 2. **Experimental bridge LonWorks/sup /spl reg///UPnP/spl trade/1.0**
Chemishkian, S.; Lund, J.;
[Consumer Communications and Networking Conference, 2004. CCNC 2004. F](#)
5-8 Jan. 2004 Page(s):400 - 405
Digital Object Identifier 10.1109/CCNC.2004.1286895
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- ☐ 1. **A framework for connecting home computing middleware**
 Tokunaga, E.; Ishikawa, H.; Kurahashi, M.; Morimoto, Y.; Nakajima, T.;
Distributed Computing Systems Workshops, 2002. Proceedings, 22nd Internat
on
 2-5 July 2002 Page(s):765 - 770
 Digital Object Identifier 10.1109/ICDCSW.2002.1030860
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1 [IP-based protocols for mobile internetworking](#)



John Ioannidis, Dan Duchamp, Gerald Q. Maguire

 August 1991 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Communications architecture & protocols SIGCOMM '91**,
 Volume 21 Issue 4

Publisher: ACM Press

Full text available: [pdf\(1.29 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

2 [Papers: A novel approach to mobility management](#)



Ron Hutchins, Tracy Camp, Philip H. Enslow

 January 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 1

Publisher: ACM Press

Full text available: [pdf\(1.11 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#)

In this paper, we propose a novel approach to computer mobility. Our approach allows mobility to be rapidly deployed, as the networking infrastructure required for deployment is available off the shelf. Furthermore, a mobile node does not require modifications in order to use these mobile services. While our approach provides rapid deployment and supports both IP and non-IP protocols, only a subset of mobile usage scenarios are offered. In other words, our approach does not solve all the problem ...

3 [Fast and scalable wireless handoffs in supports of mobile Internet audio](#)





Ramón Cáceres, Venkata N. Padmanabhan



 December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: [pdf\(187.08 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Future internetworks will include large numbers of portable devices moving among small wireless cells. We propose a hierarchical mobility management scheme for such networks. Our scheme exploits locality in user mobility to restrict handoff processing to the vicinity of a mobile node. It thus reduces handoff latency and the load on the internetwork. Our design is based on the Internet Protocol (IP) and is compatible with the Mobile IP standard. We also present experimental results for the I ...


-  [Fast and scalable handoffs for wireless internetworks](#)
Ramón Cáceres, Venkata N. Padmanabhan
November 1996 **Proceedings of the 2nd annual international conference on Mobile computing and networking**
Publisher: ACM Press
Full text available:  [pdf\(1.35 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


- 5 [Modeling mobile IP in mobile UNITY](#)
 Peter J. McCann, Gruia-Catalin Roman
April 1999 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,
Volume 8 Issue 2
Publisher: ACM Press
Full text available:  [pdf\(344.70 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

With recent advances in wireless communication technology, mobile computing is an increasingly important area of research. A mobile system is one where independently executing components may migrate through some space during the course of the computation, and where the pattern of connectivity among the components changes as they move in and out of proximity. Mobile UNITY is a notation and proof logic for specifying and reasoning about mobile systems. In this article it is argued that Mobile ...

Keywords: formal methods, mobile UNITY, mobile computing, shared variables, synchronization, transient interactions, weak consistency

- 6 [Comparison of signaling loads for PCS systems](#)
Thomas F. La Porta, Malathi Veeraraghavan, Richard W. Buskens
December 1996 **IEEE/ACM Transactions on Networking (TON)**, Volume 4 Issue 6
Publisher: IEEE Press
Full text available:  [pdf\(1.72 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

- 7 [A public-key based secure mobile IP](#)
John Zao, Joshua Gahm, Gregory Troxel, Matthew Condell, Pam Helinek, Nina Yuan, Isidro Castineyra, Stephen Kent
October 1999 **Wireless Networks**, Volume 5 Issue 5
Publisher: Kluwer Academic Publishers
Full text available:  [pdf\(255.65 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


- 8 [A distributed control strategy for wireless ATM networks](#)
M. Veeraraghavan, T. F. La Porta, R. Ramjee
August 1995 **Wireless Networks**, Volume 1 Issue 3
Publisher: Kluwer Academic Publishers
Full text available:  [pdf\(609.14 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)
Cellular networks are expected to be upgraded to offer Personal Communication Services (PCS). The mobility management and wireless call control approach used in cellular networks are currently being proposed for use in PCS networks. Recent work indicates that both the signaling load and database update rates caused by these mobility management and call control procedures will increase significantly in next generation PCS networks. In this paper, we propose and analyze a new cluster-based ar ...

9 Secure and mobile networking



Vipul Gupta, Gabriel Montenegro

December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4**Publisher:** Kluwer Academic PublishersFull text available:  [pdf\(223.39 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The IETF Mobile IP protocol is a significant step towards enabling nomadic Internet users. It allows a mobile node to maintain and use the same IP address even as it changes its point of attachment to the Internet. Mobility implies higher security risks than static operation. Portable devices may be stolen or their traffic may, at times, pass through links with questionable security characteristics. Most commercial organizations use some combination of source-filtering routers, sophisticated ...

10 Position papers: Mobile host tracking and resource discovery Aline Baggio, Ian PiumartaSeptember 1996 **Proceedings of the 7th workshop on ACM SIGOPS European workshop: Systems support for worldwide applications****Publisher:** ACM PressFull text available:  [pdf\(628.16 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In *mobile environments*, as computers move to unknown networks, they need to discover new services, applications, and other network resources. Since the performance characteristics of such environments are often poor (due mainly to wireless communications and the restricted power of machines), mobile hosts require access to the nearest equivalent of some resource. On the other hand, services and applications located on the fixed part of the network may need to be aware of mobile host locat ...

11 Interworking of a distributed architecture for wireless PCS networks with conventional networks: issues and illustrations R. S. Kalbag, D. MedhiOctober 1997 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 1 Issue 4**Publisher:** ACM PressFull text available:  [pdf\(1.01 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#)

A distributed architecture for wireless PCS networks is appealing due to the separation of call and connection control and the use of operations which run in parallel that can result in reduced data management load, signaling load as well as reduced post-dial delay; the Distributed Architecture for Wireless PCS Networks (DAWN) we have recently developed is such an architecture. On the other hand, centralized architecture such as IS-41 has already been deployed in several wireless networks. Thus, ...

12 Mobile networking in the Internet

Charles E. Perkins

December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4**Publisher:** Kluwer Academic PublishersFull text available:  [pdf\(166.90 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Computers capable of attaching to the Internet from many places are likely to grow in popularity until they dominate the population of the Internet. Consequently, protocol research has shifted into high gear to develop appropriate network protocols for supporting mobility. This introductory article attempts to outline some of the many promising and interesting research directions. The papers in this special issue indicate the diversity of viewpoints within the research community, and it is ...

13 Internet mobility 4x4

Stuart Cheshire, Mary Baker

August 1996 **ACM SIGCOMM Computer Communication Review , Conference proceedings on Applications, technologies, architectures, and protocols for computer communications SIGCOMM '96**, Volume 26 Issue 4

Publisher: ACM Press

Full text available: pdf(208.28 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Mobile IP protocols allow mobile hosts to send and receive packets addressed with their home network IP address, regardless of the IP address of their current point of attachment in the Internet. While some recent work in Mobile IP focuses on a couple of specific routing optimizations for sending packets to and from mobile hosts [Joh96] [Mon96], we show that a variety of different optimizations are appropriate in different circumstances. The best choice, which may vary on a connection-by-connection ...

14 Using DHCP with computers that move

Charles E. Perkins, Kevin Luo

August 1995 **Wireless Networks**, Volume 1 Issue 3

Publisher: Kluwer Academic Publishers

Full text available: pdf(1.10 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Dynamic Host Configuration Protocol (DHCP) was designed to allow the frequent allocation of resources and configuration information useful to Internet hosts at boot time, including Internet addresses in particular. It turns out that getting a new Internet address is crucial to the problem of enabling the movement of Internet hosts from one network to another, and thus DHCP is quite relevant to the problem of providing seamless, transparent mobility to Internet hosts. We decided to invest ...

15 Xunet 2: lessons from an early wide-area ATM testbed

Charles R. Kalmanek, Srinivasan Keshav, William T. Marshall, Samuel P. Morgan, Robert C. Reestruck

February 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume 5 Issue 1

Publisher: IEEE Press

Full text available: pdf(231.69 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: asynchronous transfer mode, available bit rate, constant bit rate, variable bit rate

16 Secure wireless LANs

V. Bharghavan

November 1994 **Proceedings of the 2nd ACM Conference on Computer and communications security**

Publisher: ACM Press

Full text available: pdf(674.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Mobile computing is a major area of current research. A variety of wirelessly networked mobile devices now make it possible for a physically untethered computer to function in a fully networked manner. Recent research has focussed on providing the mobile user a seamless environment of wired and wireless networks. One of the major hurdles in providing such a seamless environment is that wireless media are inherently less secure. In this paper, we propose a security scheme for wireless ...

17 Multicast security and its extension to a mobile environment

Li Gong, Nachum Shacham

August 1995 **Wireless Networks**, Volume 1 Issue 3**Publisher:** Kluwer Academic PublishersFull text available:  [pdf \(1.22 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Multicast is rapidly becoming an important mode of communication and a good platform for building group-oriented services. To be used for trusted communication, however, current multicast schemes must be supplemented by mechanisms for protecting traffic, controlling participation, and restricting access of unauthorized users to data exchanged by the participants. In this paper, we consider fundamental security issues in building a trusted multicast facility. We discuss techniques for group- ...

18 Next century challenges: data-centric networking for invisible computing: the Portolano project at the University of Washington

Mike Esler, Jeffrey Hightower, Tom Anderson, Gaetano Borriello

August 1999 **Proceedings of the 5th annual ACM/IEEE international conference on Mobile computing and networking****Publisher:** ACM PressFull text available:  [pdf \(1.03 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**19** Wireless data: systems, standards, service

Antonio De Simone, Sanjiv Nanda

August 1995 **Wireless Networks**, Volume 1 Issue 3**Publisher:** Kluwer Academic PublishersFull text available:  [pdf \(1.14 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Wireless data products and services being proposed today include exotic mixes of services and technologies: packet transport over cellular circuits, facsimile service over Cellular Digital Packet Data (CDPD), voice and video over wireless LANs, and everything in between. Data networking terms that seem to have a clear meaning—data-link, network and transport layers; circuit-mode and datagram; connection-less and connection-oriented—in fact have meaning only in context. Thus TCP, ...

20 Papers: Distributed core multicast (DCM): a multicast routing protocol for many groups with few receivers

Ljubica Blazević, Jean-Yves Le Boudec

October 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 5**Publisher:** ACM PressFull text available:  [pdf \(1.48 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We present a multicast routing protocol called Distributed Core Multicast (DCM). It is intended for use within a large single Internet domain network with a very large number of multicast groups with a small number of receivers. Such a case occurs, for example, when multicast addresses are allocated to mobile hosts, as a mechanism to manage Internet host mobility or in large distributed simulations. For such cases, existing dense or sparse mode multicast routing algorithms do not scale well with ...

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- 2** Inventing the networked home: Sun, 3 Com, and other companies share their visions of the future at CES

Brent Butterworth

March 2000 **netWorker**, Volume 4 Issue 1

Publisher: ACM Press

Full text available: pdf(1.56 MB)

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